



**CALIFORNIA STATE SCIENCE FAIR  
2002 PROJECT SUMMARY**

<b>Name(s)</b> <b>Lindsey R. Preovolos</b>	<b>Project Number</b> <b>J0234</b>
<b>Project Title</b> <b>It's to the Wall, at the Wall, and It's Gone</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective for my project is to see which brand of softball travels the furthest. My hypothesis is that the Worth brand will travel the furthest.</p> <p><b>Methods/Materials</b> To conduct this experiment I had to build a machine that would hit the balls with the same amount of force each time. I used six 12" softballs manufactured by Dudely, Rawlings, Easton, Worth, and Wilson. Each ball was hit eight-teen times, and all of the distances were recorded. The average of the distances was found to see which brand traveled the furthest. The machine was built out of wood, primarily 2" X 4"s. It also has an 11" spring, 3" X 5" metal plate, and many screws and nails of differnt lengths.</p> <p><b>Results</b> The results ended up being that the Rawlings brand of softball traveled the furthest, followed by Easton, Worth, Wilson 17, Wilson 15 and Dudely.</p> <p><b>Conclusions/Discussion</b> The results from my experiment proved my hypothesis wrong, the Worth brand did not travel the furthest.</p>	
<b>Summary Statement</b> My project is to try to figure out which brand of softball travels the furthest.	
<b>Help Received</b> Father helped build the machine, and helped record data. Mother helped with backboard. Teacher helped organize all materials.	